

Having thus described the aforementioned invention,

I CLAIM:

1. A brake pad holder comprising:

a brake pad mount for removably receiving a brake pad, said brake pad mount defining a mounting arm receptor in a bottom wall thereof, said mounting arm receptor defining a concave interior configuration and a convex exterior configuration, a cavity being defined between said mounting arm receptor and said brake pad, said mounting arm receptor further defining a centrally-disposed through opening;

a securement device for securing said brake pad to said brake pad mount;

a mounting arm having a head and a threaded post, said head being configured to be received within said cavity defined between said mounting arm receptor and said brake pad, said head having a lower surface defining a convex configuration to cooperate with said concave interior of said mounting arm receptor, said threaded post being received through said mounting arm receptor through opening and defining a diameter smaller than said mounting arm receptor through opening to allow selective orientation of said brake pad mount independently from said mounting arm;

a bearing washer defining a brake pad mount receptor, said bearing washer defining a concave receptor for receiving said convex exterior of said mounting arm receptor, cooperation of said concave receptor and said mounting arm receptor convex exterior allowing

25 movement of said brake pad mount along an x-axis, a y-axis and a z-axis, independent of said mounting arm, said bearing washer defining a flat side opposite said concave receptor; and
a fastener for securing said brake pad holder in a selected orientation.

5 2. The brake pad holder of Claim 1 wherein said brake pad mount defines a substantially elongated configuration with a slotted channel configured to receive said brake pad, said brake pad defining a tab about a perimeter thereof, said tab being closely received in said slotted channel of said brake pad mount.

5 3. The brake pad holder of Claim 1 wherein said securement device is a screw, wherein said brake pad mount defines a threaded opening for receiving said screw, and wherein said brake pad defines a notch in a bottom surface thereof at a location corresponding to said brake pad mount threaded opening such that when said screw is received in said threaded opening, a terminal portion of said screw is received within said brake pad notch.

5 4. The brake pad holder of Claim 1 wherein an upper surface of said mounting arm head defines a substantially convex configuration such that when said brake pad mount is adjusted, said mounting arm head remains substantially within said cavity defined between said mounting arm receptor and said brake pad.

5 5. The brake pad holder of Claim 1 wherein said fastener

for securing said brake pad holder in a selected orientation is a nut threadably received on said mounting arm.

6. The brake pad holder of Claim 1 further comprising at least one spacer for selectively positioning said brake pad at a selected distance from a conventional brake caliper arm.

7. The brake pad holder of Claim 6 wherein said at least one spacer is disposed between said bearing washer and said brake caliper arm.

8. The brake pad holder of Claim 6 wherein said at least one spacer is disposed between said brake caliper arm and said fastener for securing said brake pad holder in a selected orientation.

9. The brake pad holder of Claim 6 wherein at least one said spacer is disposed between said bearing washer and said brake caliper arm, and wherein at least one said spacer is disposed between said brake caliper arm and said fastener for securing said brake pad holder in a selected orientation.

10. A brake pad holder comprising:

a brake pad mount for removably receiving a brake pad, said brake pad mount defining a mounting arm receptor in a bottom wall thereof, said mounting arm receptor defining a concave interior configuration and a convex exterior configuration, a cavity being defined between said mounting arm receptor and said brake pad, said

mounting arm receptor further defining a centrally-disposed through opening, said brake pad mount defining a threaded opening in a bottom wall thereof, said brake pad defining a notch in a bottom surface thereof at a location corresponding to said brake pad mount threaded opening;

a securement device for securing said brake pad to said brake pad mount, said securement device being a screw configured to cooperate with said brake pad mount threaded opening such that when said screw is received in said threaded opening, a terminal portion of said screw is received within said brake pad notch;

a mounting arm having a head and a threaded post, said head being configured to be received within said cavity defined between said mounting arm receptor and said brake pad, said head having a lower surface defining a convex configuration to cooperate with said concave interior of said mounting arm receptor, an upper surface of said mounting arm head defining a substantially convex configuration such that when said brake pad mount is adjusted, said mounting arm head remains substantially within said cavity defined between said mounting arm receptor and said brake pad, said threaded post being received through said mounting arm receptor through opening and defining a diameter smaller than said mounting arm receptor through opening to allow selective orientation of said brake pad mount independently from said mounting arm;

a bearing washer defining a brake pad mount receptor, said bearing washer defining a concave receptor for receiving said convex exterior of said mounting arm receptor, cooperation of said concave receptor and said mounting arm receptor convex exterior allowing



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movement of said brake pad mount along an x-axis, a y-axis and a z-axis, independent of said mounting arm, said bearing washer defining a flat side opposite said concave receptor;

a fastener for securing said brake pad holder in a selected orientation; and

at least one spacer for selectively positioning said brake pad at a selected distance from a conventional brake caliper arm.

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The brake pad holder of Claim 10 wherein said brake pad mount defines a substantially elongated configuration with a slotted channel configured to receive said brake pad, said brake pad defining a tab about a perimeter thereof, said tab being closely received in said slotted channel of said brake pad mount.

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The brake pad holder of Claim 10 wherein said fastener for securing said brake pad holder in a selected orientation is a nut threadably received on said mounting arm.

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The brake pad holder of Claim 10 wherein said at least one spacer is disposed between said bearing washer and said brake caliper arm.

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The brake pad holder of Claim 10 wherein said at least one spacer is disposed between said brake caliper arm and said fastener for securing said brake pad holder in a selected orientation.

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The brake pad holder of Claim 10 wherein at least one

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